

CLAIMS

1. An optical disc comprising a plurality of areas which are previously allocated to correspond to a plurality of conditions,
- 5 wherein the plurality of areas include:
 atleastonefirstarea,whichispreviouslyallocated
 to correspond to at least one first condition under which
 the optical disc can be accessed, among the plurality of
10 conditions; and
 at least one second area, which is previously
 allocated to correspond to at least one second condition
 under which the optical disc cannot be accessed, among the
 plurality of conditions, and
15 a plurality of first parameters for providing a method
 for accessing the optical disc under the at least one first
 condition are recorded on the at least one first area and
 the at least one second area.
- 20 2. An optical disc according to claim 1, wherein one of the
 plurality of the first parameters corresponding to each of
 the at least one first area is recorded on each of the at
 least one first area.
- 25 3. An optical disc according to claim 1, wherein one of the
 plurality of first parameters, which is closest in value
 to a plurality of second parameters for providing a method
 for accessing the optical disc under the at least one second
 condition, is recorded on the at least one second area.
- 30 4. An optical disc according to claim 1, wherein the optical
 disc includes at least one recording layer,
 each of the at least one recording layer include the

at least one first area and the at least one second area,
and

aplurality of third parameters for providing a method
for accessing each of the at least one recording layer under
5 the at least one first condition are recorded on the at least
one first area and the at least one second area.

5. An optical disc according to claim 1, wherein the plurality
of conditions include a condition regarding a speed at which
10 the optical disc is accessed.

6. An access apparatus for accessing an optical disc
including a plurality of areas which are previously allocated
to correspond to a plurality of conditions,

15 wherein the plurality of areas include at least one
first area, which is previously allocated to correspond to
at least one first condition under which the optical disc
can be accessed, among the plurality of conditions, and at
least one second area, which is previously allocated to
20 correspond to at least one second condition under which the
optical disc cannot be accessed, among the plurality of
conditions, and

aplurality of first parameters for providing a method
for accessing the optical disc under the at least one first
25 condition are recorded on the at least one first area and
the at least one second area,

the access apparatus comprising:

a reading section for reading at least one of the
plurality of first parameters from at least one of the at
30 least one first area and the at least one second area; and

an access section for accessing the optical disc using
an accessing method provided by the read at least one first
parameter.

7. An access apparatus according to claim 6, wherein the reading section reads the at least one first parameter from at least one of the at least one second area.

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8. An access method of accessing an optical disc including a plurality of areas which are previously allocated to correspond to a plurality of conditions,

10 wherein the plurality of areas include at least one first area, which is previously allocated to correspond to at least one first condition under which the optical disc can be accessed, among the plurality of conditions, and at least one second area, which is previously allocated to correspond to at least one second condition under which the
15 optical disc cannot be accessed, among the plurality of conditions, and

aplurality of first parameters for providing a method for accessing the optical disc under the at least one first condition are recorded on the at least one first area and
20 the at least one second area,

the access method comprising the steps of:

reading at least one of the first parameters from at least one of the at least one first area and the at least one second area; and

25 accessing the optical disc using an access method provided by the read at least one first parameter.